

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "Floyd Soo, KF8AT" <hires@rust.net>
Subject: [3836] "Telegraph Lore"
Message-ID: <3233CD40.1E3@rust.net>

Gang,

Just was reading the thread on old telegraph sounders and "lids", etc.

Try checking out "Telegraph Lore Homepage" for some interesting info on the history of telegraphy and the equipment used!

<http://www.cris.com/~Gsraven/>

72,
Floyd, KF8AT
QRP-L #392

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Raul Gomez <aievpx@isis.uniandes.edu.co>
Subject: [3851] \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$
Message-ID: <1.5.4.32.19960909155826.0067bd30@isis.uniandes.edu.co>

This works, I did it and have already received \$682.00 in the past week.

Hello! I've got some awesome news that I think you need to take two minutes to read if you have ever thought "How could I make some serious cash in a hurry???" , or been in serious debt, ready to do almost anything to get the money needed to pay off those bill collectors. So grab a snack, a warm cup of coffee, or a glass of your favorite beverage, get comfortable and listen to this interesting,

exciting find!

Let me start by saying that I FINALLY FOUND IT! That's right!. I found it! And I HATE GET RICH QUICK SCHEMES!! I hate those schemes like multi-level marketing, mail-order schemes, envelope stuffing scams, 900 number scams... the list goes on forever. I have tried every darn get rich quick scheme out there over the past 12 years.

I

somehow got on mailing lists for people looking to make money (more like 'desperate stupid people who will try anything for money!').

Well, when I was a teenager, these claims to 'get me rich quick' sounded irresistible! I would shell out \$14.95 here, \$29.95 there, \$24.95 here, and another \$49.95 there. I had maxed out my new

Circuit

City Card AND my Visa...I was desperate for money!! So, I gave them

all a chance but failed at every one of them! Maybe they worked for some people, but not for me. Eventually, I just tossed that JUNK

MAIL

in the trash when I got the mail. I recognized it right away. I can

smell a money scam from a mile away these days, SO I THOUGHT....

I thought I could sniff out a scam easily. WAS I WRONG!!I

LOVE

THE INTERNET!!!

I was scanning thru a NEWSGROUP and saw an article stating to GET CASH FAST!! I thought..."Here on the Internet?? Well, I'll just have to see what schemes could possibly be on the internet." The article described a way to MAIL A ONE DOLLAR BILL TO ONLY FIVE PEOPLE AND MAKE \$50, 0000 IN CASH WITHIN 4 WEEKS! Well, the more I thought about it, the more I became very curious. Why? Because of the way it worked AND BECAUSE IT WOULD ONLY COST ME FIVE DOLLARS (AND FIVE STAMPS), THAT'S ALL I EVER PAY....EVER!!

Ok, so the \$50,000 in cash was maybe a tough amount to reach, but it was possible. I knew that I could at least get a return of \$1,000 or so. So I did it!! As per the instructions in the article, I mailed out ('snail mail'for you e-mail fanatics) a single dollar bill to each of the five people on the list that was contained in the article. I

included a small note, with the dollar, that stated "Please Add Me
To

Your List." I then removed the first position name of the five
names

listed and moved everyone up one position, and I put my name in
position five of the list. This is how the money starts rolling
in!

I then took this revised article now with my name on the list and
REPOSTED IT ON AS MANY NEWSGROUPS AND LOCAL BULLETIN BOARD
MESSAGE AREAS THAT I KNEW. I then waited to watch the money come
in...prepared to maybe receive about \$1000 to \$1500 in cash or
so....

But what a welcome surprise when those envelopes kept coming in!!!

I
knew what they were as soon as I saw the return addresses from
people

all over the world-Most from the U.S., but some from Canada and
Latinamerica, even

some from Australia! I tell you, THAT WAS EXCITING!! So how much did I
get in total return? \$1000? \$5000? Not even!!! I received a total
of

\$23,343!!! I couldn't believe it!!

I now have a brand new black Acura Integra to speak for, due to
this!! Now after almost 8 months, I am ready to do it again!!! So

maybe it was possible to get \$50,000 in cash, I don't know, but IT COMPLETELY DEPENDS ON YOU, THE INDIVIDUAL! You must follow through and repost this article everywhere you can think of! The more postings you achieve will determine how much cash will arrive in your very own mailbox!! It's just too easy to pass up!!!

Let's review the reasons why you should do this: The only cost factors are for the five stamps, the 5 envelopes and the 5 one dollar bills that you send out to the listed names by snail mail (US Postal Service Mail). Then just simply repost the article (WITH YOUR NAME ADDED) to all the newsgroups and local BBS's you can. Then sit back and, (ironically), enjoy walking (you can run if you like! :o) down your driveway to your mailbox and scoop up your rewards!! We all have five dollars to put into such an easy effortless investment with SPECTACULAR REALISTIC RETURNS OF \$15,000 to \$25,000 in about 3-5 weeks! So HOLD OFF ON THOSE LOTTERY NUMBERS FOR TODAY,EAT AT HOME TONIGHT INSTEAD OF TAKEOUT FROM McDONALDS AND INVEST FIVE DOLLARS IN

THIS AMAZING MONEY MAKING SYSTEM NOW!!! YOU CAN'T LOSE!!

So how do you do it exactly, you ask? I have carefully provided the mostdetailed, yet straightforward instructions on how to easily get this underway and get your cash on its way. SO, ARE YOU READY TO MAKE SOME CASH!!!?? HERE WE GO!!!

*** THE LIST OF NAMES IS AT THE END OF THIS ARTICLE. ***

OK, Read this carefully. Get a printout of this information, if you like, so you can easily refer to it as often as needed.

INSTRUCTIONS:

1. Take a sheet of paper and write on it the following:

"Please add my name to your list". This creates a service out of this money making system and thus making it completely legal. You are not just randomly sending a dollar to someone, you are paying one dollar for a legitimate service. Make sure you include your name and

address. I assure you that, again, this is completely legal!

For a

neat little twist, also write what slot their name was in: "You

were

in slot 3", Just to add a little fun! This is all about having

fun

and making money at the same time!

2. Now fold this sheet of paper around a dollar bill ,(no checks

or

money orders), and put them into an envelope and send it on its way

to

the five people listed. The folding of the paper around the bill

will

insure its arrival to its recipient. THIS STEP IS IMPORTANT!!

3. Now listen carefully, here's where you get YOUR MONEY COMING TO

YOUR MAILBOX. Look at the list of five people; remove the first

name from position one and move everyone on the list up slot one on

the list. Position 2 name will now move to the position 1 slot ,

position 3 will now become position 2, 4 will be be 3, 5 will be 4.

Now put your name, address, zipcode AND COUNTRY in position 5, the

bottom position on the list.

4. Now upload this updated file to as many newsgroups and local bulletin boards' message areas & file section as possible.

(Experiments tell that at least should mail to 200 newsgroup to make this working) Give a catchy description of the file so it gets noticed!!

Such as:

"NEED FAST CASH?, HERE IT IS!" or "NEED CASH TO PAY OFF

YOUR DEBTS??" , etc. And the more uploads, the more money you will make, and of course, the more money the others on the list will make

too. LET'S ALL TAKE CARE OF EACH OTHER BY BEING HONEST AND BY PUTTING

FORTH 120 PERCENT INTO THIS PROFITABLE & AMAZING SYSTEM!!! You'll reap

the benefits, believe me!!! Set a goal for the number of total uploads

you'll post, such as 15-20 postings or more! Always have a goal in mind!!! If you can UUE encode the file when uploading, that will make

it easier for the people to receive it and have it downloaded to their

hard drive. That way they get a copy of the article right on their computer without hassles of viewing and then saving the article from

the File menu. Don't alter the file type, leave it as an MS-DOS

Text

file. The best test is to be able to view this file using

Microsoft's

Notepad for Windows 3.x or WordPad for Windows '95. If the margins

look right without making the screen slide left or right when at

the

ends of the sentences, you're in business!

5. If you need help uploading, simply ask the sysop of the BBS, or

"POST" a message on a newsgroup asking how to post a file, tell

them

who your Internet provider is and PEOPLE WILL ALWAYS BE GLAD TO

HELP.

I would try to describe how to do it but there are simply too many

internet software packages with slightly different yet relatively

simple ways to post or upload a file. Just ask for help or look in

the help section for 'posting'. I do know that for GNN, you simply

select 'POST' then enter a catchy description under the subject

box,

choose 'ATTACH', selecting 'UUE' and NOT 'TXT', then choose

'Browse'

to go look for the file. Find your text file CASH.TXT and click on

it

and choose 'OK'. Place a one line statement in the main body

section

of the message post screen. Something like "Download this to read how to get cash arriving in your mailbox with no paybacks!" or whatever.

Just make sure it represents its true feasibility, NOT something like..."Get one million dollars flooding in your mailbox in two days!"

You'll never get ANY responses!

6. And this is the step I like. JUST SIT BACK AND ENJOY LIFE BECAUSE

CASH IS ON THE WAY!! Expect to see a little money start to trickle in around 2 weeks, but AT ABOUT WEEKS 3 & 4, THE MONEY STORM

WILL HIT YOUR MAILBOX!! All you have to do is take it out of the mailbox and try not to scream too loud (outside anyway) when you realize YOU HIT THE BIG TIME AT LAST!!

7. So go PAY OFF YOUR BILLS AND DEBTS and then get that something special you always wanted or buy that special person in your life (or the one you want in your life) a gift they'll never forget. ENJOY

LIFE!

8. Now when you get low on this money supply, simply re-activate this file again; Reposting it in the old places where you originally posted and possibly some new places you now know of. Don't ever lose this file, always keep a copy at your reach for when you ever need cash. THIS IS AN INCREDIBLE TOOL THAT YOU CAN ALWAYS RE-USE TIME AND TIME AGAIN WHEN CASH IS NEEDED!

9. (This step added by Charles Reiley). Hello, This is exciting, isn't it?! While I'm on the list, just add a note saying "Please include extra money tips" with your name & E-MAIL address, and I will (FOR FREE) send you some neat methods to increase the money you will receive with this plan. Why?... Why not? I'm not a selfish jerk...I like helping out others. E-mail just makes it a touch easier and cheaper, too! After I drop off the list, I can no longer offer you this advice, obviously, but maybe someone else who gets my tips will offer and simply replace my name on this step number 9. Good luck

and

give this plan your all, it will definitely pay off! Like Mike

said,

HAVE FUN WITH IT!!!

10. (This comment added by Mike Lorincz) Hell dude, this is great,

just

send the money and wait like 1 week, then all of a sudden,

BOOOOOOM!

Mail flood full of dollar bills. Hahahah its great

THE NAMES LIST THE NAMES LIST THE NAME LIST

* HONESTY IS WHAT MAKES THIS PROGRAM SUCCESSFUL!!!

*

*

*

*

* 1. Shane Uhler

* 121 S. Beltwoods Dr.

* DeSoto, TX 75115

*

* 2. Sandy Kim

* 3047 David Ave #10
* Campbell, CA 95128
*
* 3. Andrew Zalewski
* 80 Willamere Dr.
* Scarborough, Ontario M1M 1W8
* Canada

* 4. Wenyu Wei
* Garden Park P.O.Box 44505
* Vancouver, B.C. V5M 4R8
* Canada

* 5. Raul Gomez
* Tr. 30 # 101 -10
* Santafe de Bogota D.C.
* Colombia, Southamerica

This works, I did it and have already received \$682.00 in the past week.

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: Bob Hightower <ki7mn@dancris.com>
Subject: [3858] \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$
Message-ID: <199609091645.JAA26296@dancris.com>

>

>This works, I did it and have already received \$682.00 in the past
>week.

Hope this guy has lots of room in his mailbox for the replies. If he pays
for mail, his money is going to disappear quickly!

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-1 271 CQC 274 ARRL (Not in any
order of importance!)

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [3847] 6:1 Balun and Line Isolator
Message-ID: <1996Sep09.094500.1483.15820@facilities.buffalo.edu>

Hi Gang,

I have come to the conclusion that my low height tilted delta loop is a
pretty good performer. I am certain that the polarization is mixed; to a
high degree! Which leads me to my fascination with the Radio Works
Carolina Windom. A flat top radiator with a vertical radiator as part of
the feed. But the feedpoint demands a 6:1 balun and a line isolator to
keep "force" the RF to take off from the coax vert radiator and above.

My questions are:

1) How do I build a 6:1 balun? I have references covering other ratios
but not 6:1. It need not be a "kW" rated unit, just QRP. Radio works gets
\$45 for one of these.

2) How do I build a line isolator? On this one I have no clue. I think
W1FB covered these last year but I do not remember any construction
articles.

As usual, any help is appreciated, even it is "don't bother, just but the
thing for \$65!"

72 de Mark, N2VPK

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Gary Surrency <gsurrenc@ix.netcom.com>
Subject: [3833] 75/80m tuners
Message-ID: <32339A16.1261@ix.netcom.com>

Gang,

I have a MFJ948 tuner that isn't too bad except on 75/80m with certain combinations of large inductor settings, the metal top gets quite warm. This is with ~125w input to it, not QRP grant you. Must be the inductor is too close to the cabinet surfaces. This must certainly be eating up quite a few watts, so I tend to spend more time getting a workable 75/80m antenna that doesn't need so much help from the tuner. This particular problem occurs on my 260Ft loop fed with 300 ohm TV lead.

Anyone else seen (felt) this?

On inverted vees:

I once had a 75m inverted vee that had an apex at 50 feet, and the ends at about 20 ft. It worked like gangbusters into Europe from central Florida, and had zero reflected power at a resonant freq. of 3.800Mhz. I used 30 ft of aluminum TV mast atop the roof peak, with RG58A/U running up thru the tubing to a balun set in the top section with a PVC coupling.

Used to work stations at 100W in Europe, then switch to 1watt and still had no problem most of the time unless the QRM/QRN was bad. Inverted vees do work real well if they are in the clear and the center and ends are up high enough. Never had a problem matching this one, and worked anyone I could hear.

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: bfollett@ditell.com
Subject: [3867] BNC's for RG174
Message-ID: <199609091809.MAA28002@orion.ditell.com>

Gang:

Gary wrote, in response to Phil:

<<There ARE special versions of BNC connectors just for RG174/U. I personally LOVE BNCS, and only buy the kind you have to solder, with the threaded clamp on the end. It takes a little effort to comb out the braid and fit the bevel washer, but the result is a rugged, reusable and waterproof connector.>>

We have had this discussion before, and the only reference I recall is the AMP RFX for RG174. They are three piece hex crimp plugs, and I do use them. However, I don't have the appropriate crimper for that size, and make a mess of the connector crimp tube to get the job done.

Am I missing something? I am not aware of a BNC threaded clamp designed for RG174.

Any ideas on how to handle the hex crimp without spending \$80+ for a tool? Heatshrink?

73, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett.ditell.com

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: mykey@aztec.asu.edu (MICHAEL C. TODD)
Subject: [3877] code trainer
Message-ID: <9609091958.AA00535@aztec.asu.edu>

Thanks to all who commented on my code trainer inquiry. I decided that the MFJ-411 best suits my needs.

tnx....W9UQB Mike (Phoenix Arizona)

--

[B[C

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Subject: [3887] coils
Message-ID: <51AD2A25AD@iunhaw1.iun.indiana.edu>

Have two questions for the group:

1. Is Amidon still in business? The reason I ask is that I thought they always advertised in QST and I did not see their ad. If they are gone, where can I get coils??
2. Anyone know of a replacement for the Mallory PX-13 battery???
My Gossen Luna-Pro light meter needs two new ones. Besides this QRP stuff, I am getting into 3-d photography and I guess I will have to dust the old light meter off to use it. If you might be interested in 3-D photography, let me know. They put out about 3-4 3-D digests per day.

Thanks all.

72 de WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [3865] Copper Foil Tape Source
Message-ID: <960909173417_75230.1405_HHB53-5@CompuServe.COM>

David Gwillim said:

>>I don't know how much the TapeTenna from HamCo costs, but perhaps the following might provide a cheaper alternative. Somebody correct me if I'm wrong.<<

Right and wrong, David-- particularly if you want to build anything more complex than a 2M quarterwave and or install it outside or on a vehicle. Cheap is in the eye of the beholder, and I guess there are situations where this stuff will do the job:

>>a stained-glass supply house. The tape is usually about 1.25 mil thick (.00125") and comes in around 36 yard spools in various widths from as little as 1/8" up to at least 1/4" wide. Cost is about \$3 to \$5 per roll, depending <<

The TapeTenna foil is 1/2" wide x 3.0 mils thick, giving it almost three times as much physical strength-- and current carrying capability. The adhesive is surprisingly good-- sticks to ANYTHING including bare brickwork. The adhesive is also CONDUCTIVE, so you can make connections just by laying the end of one piece of tape over another (or make repairs with little tape "band-aids").

The manual is virtually a full-blown antenna handbook, with lots of plans and info, and it is a substantial part of what you pay for with the kit.

Semi-disclaimer: I have no connection with HAMCO, but I have used the tape a lot, and have written a product review of their stuff for 73 (should be in Nov issue).

Pricing and address follow.

73
Marshall

TapeTenna kits are available by mail order only from:
HAMCO, Sales
P.O. Box 25
Woodland Park, CO 80866

TapeTenna Kit - \$64 post paid
216' of tape, manual, connectors

Tape J - \$23 post paid
2M J-Pole, ready-to-use.

TapeTenna kits are

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: PDouglas12@aol.com
Subject: [3885] CQ Bob Finch
Message-ID: <960909165936_519111182@emout12.mail.aol.com>

Sorry for the bandwidth guys. Bob, if you are out there, Doug Hendricks says you have the Norcal logo in a file suitable for incorporating into a badge for Pacificon. If so, please email it to me so I can get to designing it in.

Thanks,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [3840] EDZs
Message-ID: <Pine.SOL.3.94.960909080649.11486A-100000@utkux4.utcc.utk.edu>

A recent posting on the Extended Double Zepp under the title "Wanna Double your power for free?" brings to our attention an interesting wire antenna. However, it leaves out a few points that are important in understanding the antenna and deciding if you want to build one.

First, the antenna is non-resonant, that is it does not operate at a point at or near zero reactance. Being about $1\frac{1}{4}$ wavelengths long, it will have high capacitive reactance at the feedpoint. Hence, the need for stub tuning for single band use or parallel feedline for either single- or multi-band use--the latter is usually much simpler.

Second, because the antenna is non-resonant, the "formulas" for cutting one are not nearly so precise as with a resonant antenna. In fact, they come from an old and perhaps outdated habit of amateurs to try to reduce antennas to a series of cut-to-formula-and-forget exercises. In fact, the $600/F$ formula for each leg may give you higher than necessary reactance. As an exercise, I modeled an EDZ for 20 meters at 35' up (that is a half wavelength up). I used the formula and then lengthened the legs twice and here is what I got for feedpoint impedances.

Leg	Gain	R+/-jX	Beamwidth
42.86'	11.29	229 - 1094	38 degrees
44'	11.30	173 - 902	36
45	11.20	141 - 756	34

Note that both the R and the X go down as we lengthen the antenna away from the very high R and X of a 1 wavelength antenna. Exact figures will vary with the antenna height in fractions of a wavelength above ground. Notice that we pass the point of absolute max gain to get the lower resistive and reactive components, but 0.1 dB difference will never be detectable in any operating situation.

Third, the price of gain in a bi-directional antenna is beam width, and this is a serious consideration for anyone contemplating this antenna.

The beam width (signals down by 3 dB relative to the point of highest signal strength) for a dipole on 20 at 35' is about 88 degrees, and the pattern is a big peanut. Your orientation need only be approximate to hit a broad swath of stations, like all of Europe, etc. The beamwidth of an EDZ is in the 30s, as the chart about shows. That's a lot narrower than most long Yagis. You will have to decide within fairly narrow limits just where you want your antenna to point--and hope that both sides are doing some useful work. (This might be for some Europe off one side and VK-ZL off the other; for others, it might be over the poles; for still others, the off side pointing "nowhere" may be the ticket to reduced QRM for the on side.) If you live in Texas and broadside a dipole up to the US, you will work from coast to coast, although AZ and FL may be off the sides. If you do the same with an EDZ, you will work All Minnesota in a week and wonder where the east and west coasts have gone. The quartering side lobes of the EDZ are a good 10 dB below the main lobe, which puts them about 7 dB below the quartering angles from a half-wavelength dipole.

So learn all you can about an antenna and do not jump at one just because it promises gain. Gain is cheap. Getting an antenna to put its gain and other properties just where you want them to go gets expensive--whether in money or time or energy. You can find a discussion of the basic properties of the EDZ in Communications Quarterly about 3 issues back--you can even learn how to make an EDZ parasitical beam. Had fun putting that one together for the article. Best of all, the EDZ beam produces patterns that look like faces with interesting ears--antenna modeling is full of surprises, and not all of them are technical.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Mike Duke <gmduke@oscar.TECLink.Net>
Subject: [3899] FAR CIRCUITS PHONE NUMBER
Message-ID: <Pine.SOL.3.91.960909203105.28608H-100000@oscar.teclink.net>

Do I have the correct number for FAR Circuits - 708-836-9148?

I got a recording of "This line is being checked for trouble" when I called on Friday afternoon and again this afternoon.

73, WB5ADC

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3878] Foxhunt Season #3 [long]
Message-ID: <199609091958.TAA29191@chuck.dallas.sgi.com>

September 9, 1996

Hey Gang,

I know, it doesn't seem like it was that long ago we were all fighting the cold of winter, ice storms, bone chilling winds that whupped across the baren land, broken antenna wires, the flickering fire in the fireplace, but here we are again preparing for round three of the QRP-L 40M annual winter foxhunt.

For those of you new to the list and haven't read through all the archives for the past two years or more here is a brief snapshot of what is up. Oh, until this posting there were 1118 Subject lines with the word Fox or Fox-hunt in them over the past two years since this started. :-) ;-) This posting makes #1119.

Starting the first week in October, which starts on Tuesday this year, and for approximately 22 weeks (until Feb 28) thereafter we get two of the individuals on this list to get on the air for two hours at a predetermined date and time each week. This on 40M CW and during the middle of the week. This gets us on the air when there are no contests, sprints, or world wide pileups fighting for points. We generate our own microcosm of those larger contests. I think that those that participated enjoyed it very much and the flurry of posts the days after (which were not enjoyed by everyone and hated by a few) really showed interest with lots of tales of worked and not worked and some feel for how difficult two way QRP QSOs are to get going. More than a 1,000 two-way QSO's/Contacts have been generated by this activity alone, so don't say it's not worth it to the QRP community and this group at large. Please. I take a lot of heat for this, but that's OK.

The "fox" posts the list of contacts within a few days afterwards and K5FO posts aperiodically updates on the "scores". The fox gets two points per contact for QRP-L members and an exchange of a QRP-L number and two points with another QRPer but not a member of this group and one point for all other contacts and the "hunters" get two points if they are QRP and one point otherwise. Each fox gets two shots or time periods during the 22 weeks to get on and make contacts. Noshows and bad propagation nights will not be allowed a makeup or a rematch. It throws too much paperwork, postings, and

general chaos into the smooth operation of the foxhunt.

At the end of the exercise the winner in the fox group and the winner in the hunter group is awarded a kit from K5F0, sponsor of the exercise, and other contributors from the list and the QRP kit manufacturers may be able to supply individual prizes also. Details to be posted at a later date as soon as the number of prizes is finalized. Previous winners of prizes can participate, but will not be eligible for another prize. This so that the prizes can be spread around. A bunch of us already have more rigs than we can ever get on the air with. :-) ;-)

OK, just an overview. I'm looking for foxes and you need to send ME (don't post to the list) the following info: (try to cut the above out of the email you send to me, if you can)

FOX NAME:
FOX CALL:
FOX QTH:
FOX CLASS OF LICENSE:
FOX CODE SPEED:
FOX RIG and QRP POWER LEVEL:
FOX ANTENNA:

After this first phase, I and the foxes will work out a schedule and then I'll post the rules.

OK, now for some new news. Note, the above fox will only work the area around 7.040MHz. I will also in the announcement add one more rule on spreading out and taking the frequency away from the fox like I had done to me by K3TKS one night. :-) I can hear you saying, "Now just a (*&#\$\$##\$ minute Chuck!! You left out the Novices and Tech+'s." Nope, we are going to make them a special case. Here is why and here is how. In the past, either one or two Novices or Tech+s were worked in the neighborhood of 7.110-7.115MHz during the fox hunt. Too many Extras, Advanced, and General Class Licenses showed up and worked the fox. Not an issue, just a fact of life. So I am offering up the following scheme. I'll take the names and calls of each of the Novices and Tech+ licenses of this group that want to participate as a fox. Send me email with your information. I'll then post you as part of the list to this group starting with the announcement and we'll have you park on 7.112MHz or nearby to work other members of the group. A contact with a Novice or Tech+ is worth 3 points because a) slower speed and b) as a additional incentive to help Novices and Tech Pluses along to faster code speed and an upgrade. This N/T group can use any weeknight and only one two way exchange with each member of the QRP-L group, thus eliminating repeats from the hunters etc. The three points per Novice can be earned at any time although I can foresee that some Novices may want to get on 7.112MHz area on nights of the regularly scheduled fox to increase their chances of having someone from the other

"watering hole" come up in frequency and work them. If two or more Novices show up, they should be separated by at least 2 KHz or more to avoid QRM'ng each other and others.

The Novices will compete for a separate prize(s) and points. Hunters will be able to count the Novice score(s) in their regular scoring total. I'll clarify this if need be but I seems straight forward to me. 3 points both sides Novice-Tech+ and hunters for two way QSOs. All at QRP totals please.

Exchanges for this years fox QSOs will be call/RST/name/QTH/QRP-L # or power output level/ in order to be valid. I thought of adding the weather report in honor of Dayton but thought better about that. :-)

For those who have just joined this program in progress, i.e. QRP-L, here is how you go and get your very own QRP-L Number unlike the password number:

* OBTAINING A QRP-L MEMBER NUMBER

Use this command to obtain a QRP-L member number.

RUN QRP-L X GETNR callsign

where "callsign" is your callsign. Send this in the body of a message to LISTSERV@LEHIGH.EDU. Use the word NONE if you don't yet have a callsign. The list of assigned member numbers can be had via the command, also to LISTSERV@LEHIGH.EDU:

GET QRP-L/MISC MEMBER_NUMBERS.TXT

Also in parallel with this will be the EMPS (Eighty Meter Propagation Study). Starting Oct 1 0000UTC til Feb 28 2359UTC everyone has a count of zero on states/QSOs/Countries. I've never had much time on 80M in 40+ years on the air and now having 49/49/50 on 40/30/20M, guess it's time to start. The NE4080 is coming outta the closet. Hope the present antenna works. :-)
Same power level for me. Gathering around the QRP ARCI recommended freqs and the colorburst frequency on 80M should commence shortly.

Yet one more of a multitude of long winded posts from K5F0. Sorry.
Always setting new goals. Let the email begin. Beam Me up Scottie.

dit dit de K5F0/3 (well, I'm on a plane when you read this due to a cron job)
Chuck Adams (K5F0 CP-60) 49/49/50 adams@sgi.com
EMPS Qs=0 STATES=0 DX=0

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Art Searle <asearle@netusa.net>
Subject: [3874] FS: OMNI VI
Message-ID: <323493B2.5F3F@netusa.net>

For Sale

Ten-Tec 563 Omni VI HF Tranceiver sn 05A10106
lastest edition - new June 1996!

with: Power Supply 962 sn 01H10336
Remote tuning head
500 Hz 8 Pole Ladder Filter 217
250 Hz 8 Pole Ladder Filter 282
500 Hz 6 Pole Ladder Filter 285
1.8 KHz 8 Pole Ladder Filter 218
(together as package)

In a moment of weakness I have decided to sell a perfectly good radio. Mail responses that ask why will not be answered. I know of no problems other than the following:

- 1) 250 Hz filter rings very slightly, the other filters DO NOT!
- 2) sidetone in QSK is slightly harsh

The radio works great. I have used it with a radio interface and it works fine. I operate exclusively cw so no mic is included. For those who are curious, I have no intentions of replacing this radio with anything else.

Please no requests to sell the items separately. Also please no inquires as to why.

73, de Art WU2K

--

Art Searle, WU2K, NY, ARRL Life Member, QRP-L #524, QRP ARCI #9123
NorCal 1708, DXCC MX & CW HR , NRA Benefactor Life Member,
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club
Yosemite Sam "I'm a rootin' tootin' shootin' son of a gun"

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: ab4el <ab4el@nando.net>
Subject: [3884] I'm still here...
Message-ID: <199609092048.QAA21153@bessel.nando.net>

Raleigh suffered widespread nuisance damage: trees that toppled or broke off at rot lines.

We will have more injuries from inexperienced cleanup than directly from FRAN itself.

Though four 70-footers fell in my front court, my duplex was not hit. No power...probably until this coming weekend. Telephone and water are OK. And I have no problem getting to work, buying gasoline and food.

The end of my 80-40 combo dipole broke loose, but is now back up: I was on the air Saturday night by candlepower.

I have even managed to get back on the Internet and my Web pages at SunSITE!

At the moment, I have no worries...and am happy for that.

--

72&73/Steve/AB4EL modena@nando.net

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [3861] Impedance Matching
Message-ID: <1996Sep09.131900.1483.15875@facilities.buffalo.edu>

Hi Gang,

Here is an EASY ?, I hope.

I want to use an antenna that requires a 1/4 wave matching transformer. It's a one band delta loop and due to feedline routing troubles I have to use coax.

Can I use the 1/4 wave transformer at the rig end? I cannot think of why not.

Thanks,
Mark N2VPK

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: Luke Enriquez <ecscife@lux.latrobe.edu.au>
Subject: [3796] Inverted - V Problem

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: New TELIS User Name <ki6ds@mail.telis.org>
Subject: [3872] K5FO at Pacificon
Message-ID: <Pine.SOL.3.91.960909111615.27095G-100000@homerom>

Chuck Adams, K5FO will be giving a talk on "QRP and the Internet" at the first annual West Coast QRP Symposium sponsored by NorCal QRP Club and held in conjunction with Pacificon 96, Oct. 18,19 and 20th in Concord, CA.

Chuck is the one responsible for creating the QRP reflector on the internet, has written countless articles and postings on QRP, has built almost every QRP kit that has been produced the last 20 years, created the Foxhunt, serves as awards chairman for ARCI, is the judge for the Annual NorCal sponsored building contest at Dayton, has a Doctorate in Astrophysics, holds the highest speed code proficiency certificate that ARRL gives (60 WPM), QSL's 100 %, and has WAS on 3 bands with .95W as soon as he works KL7 on 30 and 40.

He is a very entertaining speaker, as those of you who have had the pleasure of hearing him can attest. Chuck will concentrate on two areas, the Fox Hunt, and the 30 Meter propagation study. These are two very popular operating events that he created, and sponsors.

Make sure that you attend Chuck's presentation at Pacificon, and be sure to say hello to Chuck at the conference. All of the speakers will be available for one-on-one question and answer sessions during the convention, and all will attend the QRP Hospitality Show and Tell Saturday night starting at 7:00. Hope to see you there.

There is no registration fee for the West Coast QRP Symposium, other than the Pacificon Registration (\$3 in advance, \$4 at the door). The convention is being held at the Concord Hilton hotel, and the special convention room rate is \$74 per night. Contact the hotel for room reservations and mention that you would like the special Pacificon room rate.

Other sessions Saturday include:

Paul Harden, NA5N "QRP kit rigs and how they work"
Derry Spittle, VE7QK and Ed Burke, KI7KW, "QRP SSB Operating"
Bob Tellefson, N6WG, "How to operate FD QRP"

Note: Bob's group made over 1200 Qsos QRP last June.

"QRP Contesting and DX, A Panel Discussion"

Eric Swartz, WA6HHQ, Stan Goldstein, N6ULU, Chuck Adams, K5FO

Sunday session:

Doug Hendricks, KI6DS "QRP Advice for the Beginner"

If you are planning to attend, please let Preston Douglas know so that you can have your very own QRP-L namebadge. Details from Preston. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: Clark Fishman (FSAC) <cfishman@PICA.ARMY.MIL>

Subject: [3882] MC13030

Message-ID: <9609091647.aa29319@COR6.PICA.ARMY.MIL>

I just got a FAX from Motorola on th MC13030 IC...

nice chip...it is a double conversion AM receiver with the first mixer good from 100 KHz to 50 MHz with a +20 dbm third order intercept

and the second mixer has a +5 dbm third order intercept

This puppy has dual AGC and a wide range S meter system...

throw away those 602's....this one looks like a winner...

time to get some samples.....

Clark Fishman WA2UNN cfishman@pica.army.mil

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: New TELIS User Name <ki6ds@mail.telis.org>

Subject: [3860] Need OHR WM-1 Manual

Message-ID: <Pine.SOL.3.91.960909101414.26481A@homeroom>

Guys, I have misplaced the manual to my OHR WM1. Would someone be willing to photocopy and send me a copy? I will gladly reimburse you for the copying costs and postage. Thank you in advance. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: smgeorge@erols.com
Subject: [3903] New Ham wants advice.
Message-ID: <3234E1F0.538A@erols.com>

I am a new Tech+ Ham interested in QRP and homebrew. I want to build a 40-meter CW transceiver but can't decide which kit to use. I have catalogs from OHR, MXM, S&S Engineering, Lectrokit, Ramsey, Dan's Small Parts, Wilderness Radio and Small Wonders Laboratories (NN1G). Which transceiver would you recommend?

I live in a third floor apartment that doesn't allow antennas so I plan to run an "inverted-L" off the balcony rail (after dark). Any other suggestions? What about grounding methods?

Any advice is welcome. I can be reached directly at smgeorge@erols.com.

Thank you,

Mike George
N3WHJ

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [3868] New MC13030 radio I.C.
Message-ID: <1996Sep09.140641-0400@[130.113.234.7]>

Homebrewing Gang,

Just looking thru a newly acquired Motorola linear interface databook, and see the "Advance Information" for an A.M. radio receiver jungle chip, MC13030: 28 pins (in a small-outline surface-mount package).

This one has TWO mixers (ala NE602), I.F. amplifier good to 10 Mhz., AGC, and an A.M. detector of course. Seems its not made for really high frequency use, but should find its way into some neat little receivers on the lower H.F. bands. Perhaps the second mixer could be used as a product detector, to allow SSB & CW reception.

The Motorola WEB page didn't give any prices, so its not likely available yet. The 16-page data sheet is available in PDF format from:
<http://design-net.com/cgi-bin/dlsrch>

Anyone know when this little baby is due?
Glen VE3DNL leinwebe@mcmail.mcmaster.ca

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: lve1@inel.gov (Larry V East)
Subject: [3856] New Output Filters for QRP+
Message-ID: <2.2.16.19960909162916.18f74698@eloi>

The transmitter harmonic suppression from the Index QRP+ for 30 thru 10M is rather marginal (confirmed by various posts to this group and the technical review in QST), particularly if you run more than 5W output. I have replaced the 30/20M, 17/15M and 12/10M output filters in my QRP+ with "elliptical" filters that give >45dB harmonic attenuation. If you are interested in the design of these filters, send me private email.

Larry, W1HUE/7
lve1@inel.gov

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: PDouglas12@aol.com
Subject: [3863] Norcal W Coast Symposuim--Badges!
Message-ID: <960909132550_474852768@emout08.mail.aol.com>

Guys,

This Announcement for those who will be attending the Norcal West Coast Symposium:

I can't resist. I can't get to the symposuim but I have arranged with Doug to do badges for attendees and Fedex them a couple days in advance. So please email me with your name/call if you plan to attend and wish a name badge. No charge, as usual. Delivery *only* at the symposium.

The following folks are known to be attending and need do nothing further to recieve their badges:

Doug Hendricks, KI6DS
Jim Cates, WA6GER
Eric Swartz, WA6HHQ
Bob Tellefson, N6WG
Paul Harden, NA5N
Chuck Adams, K5FO
Derry Spittle, VE7QK
Ed Burke, KI7KW
Stan Goldstein, N6ULU

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: PDouglas12@aol.com
Subject: [3869] Norcal/Pacificon Badges
Message-ID: <960909141643_304600345@emout17.mail.aol.com>

Addendum to announcement about getting badges for this event. A reminder that the weekend is Friday, Saturday and Sunday, Oct. 18, 19, and 20th. All QRP activity will be on Saturday and Sunday. So I will have to have the badges in the mail by Wednesday, Oct 16. Deadline to request a badge is Sat Oct 12.

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: New TELIS User Name <ki6ds@mail.telis.org>
Subject: [3870] OHR WM1 Manual on the way
Message-ID: <Pine.SOL.3.91.960909111406.27095F@homeroom>

Guys, it took less than 10 minutes, and a copy of the OHR Manual is on the way to Dos Palos. Thank you for your efforts and help. Sure is a great list. 72, Doug

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Jim.Nestor@EY.COM
Subject: [3900] Operating from Australia
Message-ID: <00145000051352370000004*@MHS>

Gang,

I am planning a trip to Sydney, Australia in a couple of weeks and hope to operate (QRP of course) from VK2-land. Naturally, I have come to the "source of all wisdom" on portable operations for some tips.

Planning to take an Alinco DX-70T as the main rig. A TenTec SS-11 AC supply is small and only weighs 3 lbs and handles the current requirements for 5W just fine. It also works on 240v/50cycle Aussie "juice". I'll take my trusty Wilderness 40A as a backup rig. I can also take it portable with a small battery if I decide on Field Day type operation(the DX-70T needs too many amps).

My Schurr paddles and a recently-completed Atomic Keyer AK-1 in an Altoids box will make the dits and dahs.

The biggest unknown will be antennas. I am taking an MFJ-971 tuner but haven't decided on best approach to a skyhook.

I will be visiting an old college chum for a couple of days, but don't know his environmentalists and will be busy gabbing as well. May be able to toss a wire up in a tree there.

Most of the time, I will be operating from a hotel room before and after working hours (It is a business trip). My usual custom is to ask for a room on the highest possible floor and if possible to have a window that opens for "fresh air". Sometimes that look at me a bit strangely, perhaps concerned that I might be contemplating jumping out the window.

My guess is that the best deal is to get some wire out the window and down the side of the hotel and as much counterpoise as possible in the room, e.g. connected to the plumbing.

If I can't get wire out the window, then I'm stuck with what will fit on the ceiling and walls, maybe short dipole or inverted-U across the ceiling and down two end walls. Probably feed it with a piece of twinlead and the tuner.

What about a coil-shortened dipole? A half-size dipole for 20m might fit in the room and might be coaxed to work on 30m with the tuner. Is it worth the effort or would I be just as well off with a short center-fed Zepp and the tuner? I bought a couple of Slinkies, but don't know the best way to use them or if that's a good approach.

Any suggestions would be appreciated.

Of course, if I find a better situation antenna-wise, I can always buy more wire.

My guess is that the best bands will be 40,30,20. I'll also check 6m with limited antennas and 2m FM for the Sydney repeaters.

As the details get firmer, I'll post expected operating times and frequencies. Any other suggestions to make this mini-DXpedition a success would be appreciated.

73/72 & VK2 too.

Jim, WK8G/2
jim.nestor@ey.com

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: KFGlynn@aol.com
Subject: [3893] Portable QRP last Weekend
Message-ID: <960909192010_281187204@emout17.mail.aol.com>

Hi gang,

I went to Jersey Shore with YL for some sun - but had alot of clouds and humidity instead. Sun worked out, but I did manage to work some QRP in there, too.

Setup the 85' wire described by Bob AE4IC with 17' counterpoise. Think it was W3EDP who designed it, not sure. The room was located on the third floor and was an oddly-shaped corner room. I wrapped the 22 ga wire all around the room along the window frames and whatever else could hold it up. Used 14 ga wire as the counterpoise. Was able to tune up on 40 and 30M. I worked an F6 station with 3 watts out into this indoor antenna. That was a kick for me. I also worked into MI, OH, VA and Niagra Falls, NY (upstate).

Was very happy with the results. YL thinks I'm hooked. Guess she's right.

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: bowles@cmf.org (Chester Bowles)
Subject: [3849] QRP Afield--1996
Message-ID: <199609091524.LAA27890@aviion.cmf.org>

Hi Gang,

Only a few more weeks until QRP Afield--1996. Hope you are all making plans to get out and enjoy the fall weather and (not too coincidentally) the opportunity to enjoy the fun of a great little QRP contest!

The information as printed in _QST_ was mostly correct. The one incorrect aspect had to do with hours of operation. Here's the correct stuff:

Saturday, September 21, 1996. 1600Z to 2400Z. You may operate a maximum of SIX hours during the contest period (_QST_ said you could only operate FOUR hours).

Some of the questions folks have asked:

Q May someone outside the U.S. participate/enter the contest?

A Absolutely! Same rules apply. Note that the exchange specifically includes "state/province/country."

Q May clubs enter the contest?

A Absolutely! As a matter of fact, the Meriden, CT club has won the contest the past two years. Just pick a call and start sending "CQ QRP test." Any number of people can participate. Remember, though, there can be only one transmitter on the air at a time--otherwise, you will need to submit TWO SEPARATE ENTRIES. We do not have a provision for multiple transmitter entries.

Q May you enter the contest even though you operate from home?

A Absolutely! Note that you get a different number of points per contact based on whether you operate from home vs. a field location. Also note that you get more points for operating with less than 1 watt output. The rules are structured to encourage people to operate from field locations using temporary power--that's why it's called "QRP Afield."

Finally, here are the rules and entry form. I look forward to hearing from lots of QRPers.

73/2

Chet, AA1EX

QRP AFIELD - 1996

QRP AFIELD - 1996 is sponsored by the QRP Club of New England and is designed to encourage QRP enthusiasts to field-test their radio equipment using temporary antennas and non-commercial power sources.

Date/Time

Saturday, September 21, 1996. 1600Z to 2400Z. You may operate a maximum of six hours during the contest period.

Exchange

QRP-NE Members:	RST, State/Province/Country, QRP-NE#
Non-Members:	RST, State/Province/Country, Power Output

Definitions

Permanent Location: Any location using commercial power and/or permanently installed antennas.

Field Location: Any location using non-commercial power and temporary antennas.

High Power QRP: 1 to 5 watts output.

Low Power QRP: Less than one watt output.

Scoring (CW only)

- 1 point for each contact from a permanent location using high power QRP.
- 2 points for each contact from a permanent location using low power QRP.
- 4 points for each contact from a field location using high power QRP.
- 8 points for each contact from a field location using low power QRP.

Multipliers

Each State/Province/Country worked counts for one multiplier. Multipliers may be counted only once regardless of band worked.

Awards and Results

A plaque will be awarded to the station with the highest point total. Certificates will be awarded to the ten stations with the highest point totals. Complete results will be printed in 72 magazine. To receive a copy of the contest results, please include a #10 SASE with your contest submission.

Address

Chester (Chet) Bowles, AA1EX
RFD 2, Box 335L
Sharon, NH 03458
bowles@cmf.org

QRP AFIELD - 1996

Entry Form

Name _____ Call _____
Address _____ QRP-NE# _____

Total Number of Contacts _____
Point/Contact (1) X _____
Subtotal = _____
Number of Multipliers Worked (2) X _____
FINAL SCORE = _____

1. Points per contact:

- 1 point for each contact from a permanent location using high power QRP.
- 2 points for each contact from a permanent location using low power QRP.
- 4 points for each contact from a field location using high power QRP.
- 8 points for each contact from a field location using low power QRP.

2. Multipliers: Each State/Province/Country worked counts as one multiplier. Multipliers may be counted only once regardless of band worked.

Transmitter/Xceiver _____ Power Output _____
Receiver _____ Power Source _____
Antenna _____

Location_____

Comments

Submit Logs and Dupe Sheets to:
Chester (Chet) Bowles, AA1EX
RFD 2, Box 335L, Sharon, NH 03458
bowles@cmf.org

```
*-----*
| CHESTER S. BOWLES           | Education, rehabilitation, housing, |
| Vice President              | and managed care for children,      |
| Crotched Mountain Foundation | adolescents and adults with physical |
| One Verney Drive            | and developmental challenges.        |
| Greenfield, NH 03047        | http://www.cmf.org                  |
| 603.547.3311 ext. 404       | bowles@cmf.org                      |
*-----*
```

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "Taylor Greg" <GTAYLOR@ag-eco.tamu.edu>
Subject: [3844] QRP+ Lithium Battery Life
Message-ID: <18E1DE061AC@ag-eco.tamu.edu>

Wonder what kind of life others are getting on the back-up lithium
battery in the QRP+?

I've been through 2 of those puppies in 14
months.....thought something else might be going on when it wouldn't
retain memories since I just knew it couldn't be the
battery.....fortunately, before I got too far into it I checked the
battery... just goes to prove the KISS principle.....

Greg

```
*****
Dr. Gregory S. Taylor           !MAIL: 340b Blocker Bldg
Extension Program Leader for    !      College Station, TX 77843-2124
Community Development          !VOICE: 409-845-4445
Texas Agricultural Extension Service!FAX: 409-847-8744
Texas A&M University System     !EMAIL: Reply or g-taylor4@tamu.edu
*****
```

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: lve1@inel.gov (Larry V East)
Subject: [3886] QRP+/QRP++ Output Filters - Clarification
Message-ID: <2.2.16.19960909211820.18ef3a32@eloi>

A point of clarification -- unless the recent review in QST prompted Index to make a change, the transmitter output filters in the "New Improved QRP++" are the same as the ones in the "Old QRP+". The filters for 160M thru 40M are "elliptic" design and provide at least 40dB of harmonic attenuation. The filters for bands above 40M are shared between two bands -- one filter for 30M and 20M, one for 17M and 15M and one for 12M and 10M. These filters are NOT elliptic (for some strange reason) and in some cases the harmonic attenuation is less than 40dB but (usually) greater than 30dB. The US FCC requires spurious radiations to be at least 30dB below the carrier for amateur HF transmitters running 5W or less, and at least 40dB below the carrier above 5W. A QRP+/QRP++ will (usually) meet this requirement if output power is limited to 5W, but not on some of the higher bands at >5W output. Some countries require harmonic emissions to be >40dB below the carrier at any output power level.

My previous post stated that I have new output filter designs that will provide >45dB harmonic attenuation for the bands above 40M. (Send me email if you want the design info.)

There is another problem regarding 12M spurs that CANNOT be eliminated by the output filter as they are very close to the carrier frequency. These spurs are (just barely) >30dB below the carrier in the QRP++, but NOT the QRP+ (at least not mine). I have an idea for fixing the 12M spur problem, but I haven't had time to try it. Hopefully I'll have it done before the sun spots return. :-)

I hope that everything is all perfectly clear now... :-)

72, Larry W1HUE/7

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Jim Cadorett/US/3Com <Jim_Cadorett@3mail.3Com.COM>
Subject: [3902] QRP-L digest 475
Message-ID: <9609100159.AA5615@hqsmtp2.ops.3com.com>

QRP-L Digest 475

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: duane <duane@flinet.com>
Subject: [3881] Raul Gomez <aievp@isis.uniandes.edu.co>
Message-ID: <32347D47.496F@flinet.com>

being paul felt it was very nice to place a 10 page get rich quick letter on the qrp list. I think we should all take a few moments to answer paul.

so in the subject line is pauls address, lets all send him a thank you note. (lets see, I think that would be about 600 reply to his mail box) that should keep him busy for a while.

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: kgraham@CSWNET.COM (Kenton E Graham)
Subject: [3838] Sale-FL30 filter
Message-ID: <199609091017.FAA15398@troi.csw.net>

Hi ALL

I have an excess FL30 Icom ssb/pbt filter \$25. It fits IC720/720a or IC730.

-73- Ken K5ID

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: QLF%mini@magic.itg.ti.com
Subject: [3846] SIERRA HAS ARRIVED!
Message-ID: <9609091342.AA14034@itg.ti.com>

From: Brad Bradfield QLF

Subj: SIERRA HAS ARRIVED!

Good morning QRP'ers and QRP'ees - -

Got home Friday evening, walked into the kitchen to find a strange looking box on the kitchen table. Could it be . . . ? Yes! The Sierra has arrived. I take back every bad thing I've ever said about the USPS. Was stacked up with honey-doo's all weekend so didn't get to start assembly, but did open it to take a peek. Didn't count the screws and resistors, but all the major pieces appear to be there. Boy there's a lot of toroid cores in there (I HATE winding toroids!) Oh, well.

Once I get it built, I just need to liberate enough additional cash to buy a

length, number of elements (or cells), etc, etc, etc...

Even Yagis and Quads work in the same way, taking energy from where you don't want it and directing it where you do want it. I always like the "Searchlight" analogy, where one compares the illumination of a bare bulb compared to the illumination of the same bulb with a parabolic reflector. A flashlight will demonstrate this in your shack...

"There Ain't No Such Thing as a Free Lunch"... but if you are willing to accept the inherent limitations, Lunch can be more interesting, and at a low cost, too!

72/73, Keith, WB2VUO, QRP-L #582
Trustee, KB2YTW/B 10 Mtr Beacon, (28.2860 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

wb2vuo@juno.com

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: John Fletcher <johnf@innotts.co.uk>
Subject: [3889] Telegraphs and Old Timers
Message-ID: <199609092221.XAA12192@carlton.innotts.co.uk>

Hello everyone!

After a very long break (several years off the air) and a change of QTH last year I've finally got my station back together to work QRP, mainly on Forty. I have a modified HW7 and a TS530S which I run at 5W RF out (of course)!. I subscribed to the QRP-L some time ago but I had my mail postponed until about a week ago. Reading the mail has whetted my appetite for the key!

The letters about railroad telegraph operators are interesting, and they reminded me about something my dear late mother told me. As a child she joined the Girl Guides (I believe you have Girl Scouts) where she learned Morse code. She was not trained to use the key. The guides were taught to speak their Morse, but instead of saying "dih-dih-DAH-dit" they said "iddy-iddy-UMPy-iddy". Surely this method mimicked the clatter of the telegraph sounder and probably dated back to before the days of wireless telegraphy. She was born in 1914, in Pennsylvania Avenue, Memphis, Tenn.

On the subject of keys, I have a bakelite key in my shack which I believe may be of American origin. It has an oval base marked J-37 and the arm is formed from eighth-inch thick brass plate, the spring being a leaf spring held by one of the terminals. Can anyone tell me anything about it? How old is it? The brass parts are blackened; if the key is quite old then I don't want to clean it too much for fear of losing its "antique" value. My other

keys are a WW2 army "straight" key which I use most, and a Vibroplex Original fitted with a home-made extra-heavy weight!

72 to all de John G4EDX G-QRP no 2038

If square dancing is friendship set to music, QRP is friendship set to radio.

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: w8iqb@tir.com (w8iqb)
Subject: [3835] The Five Watter
Message-ID: <199609090436.AAA04220@tir.com>

Hi Everybody,

The Michigan QRP Club's "The Five-Watter" is running late but it went to the printers today. We have a new editor, Bruce Pea, N9WKE but that is NOT the reason this issue is running late!

I sent him my stuff for this issue back at the beginning of August via his old e-mail address and ASSUMED he had gotten it all okay. So much for assuming!! When I finally woke up and called him via the land-line, I found that all was ready to go EXCEPT my stuff. So I quickly re-sent him my pages via his new e-mail address and he confirmed receipt almost immediately.

But let me tell you -- the wait will be well worth it. He has made over the Five Watter and it is really terrific! So be patient and you will be pleasantly surprised at what our new editor has done for us.

72/73, Lowell

Lowell D. Corbin, W8IQB | President: Michigan QRP Club
3315 Sheffer Avenue | MQRP #339 QRP-ARCI #6126 GQRP #4383
Lansing, MI 48906-2453 | NorCal #493 QRP-L #312 QCWA #19573
(H) 517-886-9815 | E-Mail: w8iqb@tir.com
(W) 517-885-9243 | W8IQB@AOL.COM

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Ng Heng Lee/Ghee <leeghee@singnet.com.sg>
Subject: [3857] transformer output voltage ???
Message-ID: <Pine.3.89.96091000046.A26894-0100000@merlion.singnet.com.sg>

hi gang, i have a badly burnt transformer that has no output on the secondary side. the problem is that there is no label or whatsoever on the transformer telling you what is the input voltage and output voltage. there is only a number 7610131F. the input wire are red, yellow & blue. (i'm sure it is the 115Vac,240Vac & neutral) the output wire are two red wires, two white wire and a black wire. i suspect it to be from 5V to 15Vdc as all the capacitor are rated 16V) but i need to confirm as i still need to troubleshoot the circuit for any spoil IC. i hope someone can tell me the voltages. the transformer is actually for a hi-fi equalizier unit and i am helping a friend of mine repair it. i know this is non-qrp related but i don't know any electronics newgroup. or perhaps someone can point me to one. thank you.

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: [3852] unsubscribing
Message-ID: <Pine.GS0.3.93.960909120115.9753A-1000000@destrier.acsu.buffalo.edu>

hi,

can someone please tell me how to unsubscribe to this group, am leaving town for a few weeks and will not have enough room in my mailbox.

thanks

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Mike Duke <gmduke@oscar.TECLink.Net>
Subject: [3901] VARIABLE POWER FOR FT-7?
Message-ID: <Pine.SOL.3.91.960909203447.28608I-1000000@oscar.teclink.net>

Does anyone have a variable power mod for the Yaesu FT-7?

No! it's not for sale.

73, WB5ADC

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: George Gingell <k3tks@u1.abs.net>

Subject: [3897] Vee & ATU (LONG!)

Message-ID: <Pine.BSI.3.93.960909204328.6564B-100000@u1.abs.net>

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [3855] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$

Message-ID: <199609091611.QAA27994@chuck.dallas.sgi.com>

Hmmm. Let's see now. You sent me email, now it's my turn.
QRP-L is specifically for the purpose of distribution of information
of and related to amateur radio and low power communications, NOT
the get rich schemes you have just posted.

The rest of the group will be sending you email in regard to
this and some of it (like mine will be large). Hope you have
the disk space for the mail.

dit dit

Chuck Adams (K5FO CP-60) adams@sgi.com

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: Monte Stark <ku7y@sage.dri.edu>

Subject: [3859] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$

Message-ID: <Pine.SUN.3.90.960909095556.22742B-100000@vortex.sage.dri.edu>

Chuck and All,

I copied his message back to him with the request to not
send more junk mail.

Maybe if enough people return his long message his mail
box will fill up and cost him all his \$600!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996

From: john andrews <jm165723@eee.org>

Subject: [3864] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$

Message-ID: <323452E8.4072@eee.org>

Hi Gang:

I'm looking for the electronic version of "War and Peace". I think "someone" will find it interesting reading.

72, John- N5INZ/6

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [3866] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$
Message-ID: <Pine.OSF.3.91.960909135626.7084A-100000@saturn.acs.oakland.edu>

On Mon, 9 Sep 1996, Monte Stark wrote:

> Chuck and All,
> I copied his message back to him with the request to not
> send more junk mail.

I hate to add more to this thread, but make sure you cc the admin and postmaster at that school.

73 =paul= wb8zjl
grad skool suks

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [3876] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$
Message-ID: <1.5.4.32.19960909192440.0067c8e4@postoffice.worldnet.att.net>

Gentlemen: in response to the request for an electronic version of "War and Peace" to email to the originator of this thread, I gladly point you to <http://wiretap.spies.com/ftp.items/Library/>

Now, I don't know if the site actually has "War and Peace," but they do have plenty of other fabulously long electronic texts. I, for example, have forwarded a copy of "Ivanhoe," totaling 1.108 megabytes, to Raul Gomez, at aievp@isis.uniandes.edu.co, for his generous donation to our group.

Have fun :-)

73,
mike KD0FX
Richland WA QRP-L #576

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Joel Malman <malman@BBN.COM>
Subject: [3892] Re: \$\$\$\$\$ Click for Money \$\$\$\$\$
Message-ID: <199609092320.TAA181161@nss2.CC.Lehigh.EDU>

Group,

If don't happen to have "War and Peace" or "Ivanhoe," and are a Unix user,
send him a copy of /usr/dict/words the standard list of dictionary words.
It's usually about 200k long and has most of the same words that "War and
Peace" or "Ivanhoe" have...

/joel wa1qvm

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Vic Simpson <vsimpson@boco.demon.co.uk>
Subject: [3906] Re: \$\$\$\$\$ Click for Money \$\$\$\$\$
Message-ID: <vZ70YPAfhFNyEwtQ@boco.demon.co.uk>

In message <Pine.SUN.3.90.960909095556.22742B-
100000@vortex.sage.dri.edu>, Monte Stark <ku7y@sage.dri.edu> writes
>Chuck and All,

>

>I copied his message back to him with the request to not
>send more junk mail.

>

>Maybe if enough people return his long message his mail
>box will fill up and cost him all his \$600!

>

>cul,

>

>73, Ron,

>

Anyone got the Oxford English Dictionary on CD? <evil grin...>

--

Vic Simpson

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Willibald Kraml <kraml@kpmg.co.at>
Subject: [3848] RE: ANTENNA COUPLER
Message-ID: <3234A12E.6004@kpmg.co.at>

Hi!

I experimented a little bit with qrp antenna couplers (and methods to measure SWR to obtain best match), and I finally came to the following setup:

1. For measuring I use a simple bridge, which comes after a dummy load (no big deal for 5 watts); the actual power at the antenna during the measurements is about 1 to 5 mW, which is good :-)

This has the additional advantage that during the process of tuning there is a constant 50 ohm load for the transmitter; I noticed, when tuning with a reflectometer, that this is very difficult because the transmitter changes output power because of the varying and complex load.

Disadvantage: you cannot adjust your tuner while being on the air ... you have to switch in the dummy load and antenna bridge.

2. As a tuner I built a design that can be found in older amateur literature, and which was normally called a Z-Match. This is resonant tuner (unlike the often used L, T or PI networks), which consists of two sets of coils, a double varibale capacitor (300 - 500 pF) and a single varibale capacitor (also about 500 pf). The single variable capacitor is used to couple the network to the transmitter, and coupling to the antenna is by means of coupling coils.

In the original design one uses one set of coils for 80 and 40 meters and the other for 20, 15 and 10.

I changed the design to use one set for 160 and 80 meters, and the other one tunes between 40 and 20 meters. I then use another inductance which I switch parallel to the latter one, and then the tuning range is from 20 to 10 meters.

I found out, that this is VERY simple to build (no tapped coils, no roller coils), and tunes a wide range of frequencies (I must say that I use a 80 m loop antenna, which is near resonance at most bands, except 160 m and 30 m). The tuning itself is very fast (and can be done during reception - just tune to the loudest noise and signal level - all it takes then are small corrections while transmitting in order to reach an SWR of 1:1).

Another advantage is during reception - the tuner works as a kind of preselector!

Well, I am very happy with this arrangement and I think it would be a pity if this "ancient" design were forgotten.

The only thing I do not fully understand is the theory of this type of tuner - apparently the tuner is always resonant on two frequencies, and the adjustment to various loads is by changing the coupling from the transmitter and thus changing the Q of the whole circuit ...

If anybody can provide me with more detailed knowledge about this (and formulae and such) I would be quite happy - perhaps it is even possible to improve this type of a.t.u. ...

73 from Austria,

Willi (oe 3 wk1)

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Grover & Doris T <SIXPENCE@worldnet.att.net>
Subject: [3907] Re: Bearing/Distance Computations
Message-ID: <2.2.16.19960909105036.21cfeb72@postoffice.worldnet.att.net>

Duncan Thank you for you very kind response. The program will be much appreciated. I will let you know, direct, when recvd and how it works here.
72 y Paz Grover

At 01:56 AM 9/10/96 +0000, you wrote:
>Hello Grover a isk wa|s mailed to you today via Canada Post
>/US Mail... According to the PO girl itcould take up to 4 weeks to make
>it to you... Do not worry about reimbursing me its a pleasure to help
>72/73 de Duncan
>
>
>-----
>Duncan MacDonald, VE6DMD
>macdonad@cuug.ab.ca
>
>QRP is getting the most from the least!!
>-----
>
>

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "Ahrens Tim" <tahrens@devmail.sps.mot.com>
Subject: [3871] Re: BNC's for RG174

Message-ID: <9608098423.AA842303026@devmail.sps.mot.com>

I have seen a BNC for RG174, and used them. I'll look in my junk box & see if there is any UG # with it. It's probably a military item.

Thanks,

Tim WA5VQK

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [3873] RE: BNC's for RG174
Message-ID: <52828.owen@apollo.eeel.nist.gov>

In message Mon, 9 Sep 1996 12:09:25 -0600, bfollett@ditell.com writes:

However, I don't have the appropriate crimper for that size,
> and make a mess of the connector crimp tube to get the job done.
>
> Am I missing something? I am not aware of a BNC threaded clamp designed
> for RG174.
>
> Any ideas on how to handle the hex crimp without spending \$80+ for a
> tool? Heatshrink?
>
> 73, Bob
> -----

Well Bob the secret is NOT to use the crimp type of BNC's. Use the type known as square cut. These have a built in compression clamp that slips between the shield and center insulation with a cone shape that when the outer threaded part is installed clamps the cable. It is also 100% reuseable unlike the crimp which is one time only. These are made by amphenol and have several part numbers. The ones I use are for RG-174 P/N 31-30220-17 and for RG-58 P/N 31-30220-1 73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [3875] RE: BNC's for RG174
Message-ID: <1996Sep09.152000.1619.47703@ntserver.panasonic.atlanta.com>

I have at times not had the proper crimp tool or for some reason (engineers preference) not wanted to crimp. What I have done is assemble the connector as normal and add a small piece of heat shrink before assembly. Then after pushing the crimp tube over the coax braid I used a high wattage solder iron to heat the tube. With a little care this can be done with out melting the center conductor. The heat shrink then covers the braid that is visible above the tube. I always trim the jacket back so I don't melt that also. I hate the smell of burning plastic. This has worked well for many different coaxes and adapters from SMA to BNC and even N connectors. All it takes is a little care and it should work for you to. Hope this helps. 73 de N9HXX/4

Steve N9HXX/4
sholla@panasonic.atlanta.com
QRP-L # 555
NNN00NT-T

From: bfollett[SMTP:bfollett@ditell.com]
Sent: September 09 1996 14:18
Subject: BNC's for RG174

Gang:

Gary wrote, in response to Phil:

<<There ARE special versions of BNC connectors just for RG174/U. I personally LOVE BNCS, and only buy the kind you have to solder, with the threaded clamp on the end. It takes a little effort to comb out the braid and fit the bevel washer, but the result is a rugged, reusable and waterproof connector.>>

We have had this discussion before, and the only reference I recall is the AMP RFX for RG174. They are three piece hex crimp plugs, and I do use them. However, I don't have the appropriate crimper for that size, and make a mess of the connector crimp tube to get the job done.

Am I missing something? I am not aware of a BNC threaded clamp designed for RG174.

Any ideas on how to handle the hex crimp without spending \$80+ for a tool? Heatshrink?

73, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS

2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett.ditell.com

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [3879] RE: BNC's for RG174
Message-ID: <960909161402.20201101@carib.vf.mmc.com>

Gang,

I'm not necessarily advocacy crimp BNC's for RG-174 but...

For those who want to attempt this death-defying feat, Jameco has an inexpensive ratcheted crimp tool with multiple dies for RG-58, RG-59, RG-62 and fiber cable as well as RG-174. It is on page 45 of the June/July '96 catalog and carries the Jameco part no. 114534. The best part is the price - \$19.95! I've seen the identical tool on sale elsewhere for \$34.95 listed as a "discount" price.

Can't vouch for its worth with RG-174, but it's pretty good for RG-58. Jameco also has good prices on the crimp connectors.

Usual disclaimers apply, some assembly required, batteries not included, I'm from the Government and I'm here to help you, et.

72/73,

Joe E., N2CX

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: myers@bigboy73.West.Sun.COM (Dana Myers)
Subject: [3888] Re: coils
Message-ID: <199609092159.0AA22060@sunspot.West.Sun.COM>

Hey Tim and the group:

> Have two questions for the group:

>

> 1. Is Amidon still in business? The reason I ask is that I thought
> they always advertised in QST and I did not see their ad. If they

> are gone, where can I get coils??

They're still around, as far as I know. I ordered a handful of stuff from them a few months back - and received the same excellent service I'd always received when Amidon was still in the Amidon's garage on Otsego St. (I used to will call stuff then).

I just used two of the shielded forms in the front end of the QRP 6m FM xceiver that's growing in my kitchen ;-) See? I mentioned QRP, so this is on topic, even if I start talking about cameras...

I don't, however, have the telco # here, but it is area code 714 now. Have you looked in Bry Carling's Megalist? Try the QRP-L ftp server.

> 2. Anyone know of a replacement for the Mallory PX-13 battery???

> My Gossen Luna-Pro light meter needs two new ones. Besides this QRP stuff, I am getting into 3-d photography and I guess I will have to dust the old light meter off to use it. If you might be interested in 3-D photography, let me know. They put out about 3-4 3-D digests per day.

The PX-13 in my Yashica Mat-124G finally died earlier this year. Apparently the EPA has banned the sale of mercury cells completely, so the only common alternative is the "Wein Cell" Zinc-Air cell. I've been using one for a few months, and my exposure meter has not changed in accuracy from the Hg cell. Note that you need to give the Zinc-Air cell time to stabilize once you've removed the sticker over the air hole (I wait at least an hour or two), and note that it won't last as long (I'm told to expect about 9 months of 'normal' use by several people). You can extend the shelf life of the cell by replacing the air-hole sticker after use, but I haven't been doing this.

There have also been reports of Chinese HG cells at some camera stores, though I'm certain they're not going to advertise this.

By the way, in case anyone cares, I've come to love Kodak TMax - write me if you're interested.

Dana KK6JQ
Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [3688] Re: editing in Juno

I believe USER0000 through USER00.. are the number of signon's you have on your system. We have USER0000 through USER0002 and we have three different signons using this system. I went back and looked the .FRM files are just folders if you were to delete them you may cause another problem with a file that is suppose to keep track of how many folders you have and what is in them - sometimes this can lock up a whole system sometimes not.

When you edit your text files you need to save them back into the original FRM file or JUNO won't recognize them. I think if I were you and the editing were to be small I would just FORWARD the files I wanted to the QRP-L and edit them when they are put into the WRITE file.

For longer edits you can go to FILE and then Insert text file to add ASCII files to you letter.

Brad Mugleston - KB0ROL
Colorado QRP Club #170, QRP-L # , ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

On Thu, 05 Sep 1996 08:37:39 EDT n4so@juno.com (CHARLES K BROWN) writes:
>I EXPORTED TO USER0000 but do not understand how this works,
>or how I got the files over to USER0000 with the .frm extention.
>I used Features Export and Inbox to USER0000 BUT DO NOT SEE MY .txt
>files.
>N4SO

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [3689] Re: editing in Juno

Charles,

Juno comes with some basic folders already set up (I cant remember what they are but they are probably "Save", one that holds all your sent messages etc.)

You worry me - NEVER I REPEAT NEVER DELETE A FILE YOU DID NOT CREATE. DO NOT PLAY GOD IF THOU DID NOT GIVE THOU SHALT NOT TAKE AWAY!!!! Honestly don't ever do it. I don't know what those ".frm" file contain but you can be sure their important if the writers of JUNO made them so you

couldn't erase them. They may contain your logon to JUNO and you may have blown away your capabilities to log on again. They also may have only contained the email addresses of your mother in law but I wouldn't risk it.

If you're going to edit the files to send back to the QRP-L use an ASCII editor or they may show up on the QRP-L as a bunch of garbage. If you don't know "EDIT" (a program that comes with DOS) is an ASCII file editor.

Good Luck, de

Brad Mugleston - KB0ROL
Colorado QRP Club #170, QRP-L # , ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

On Thu, 05 Sep 1996 08:22:08 EDT n4so@juno.com (CHARLES K BROWN) writes:
>I HAD FOLDERS which I did not know I had.
>Was this from exporting the folder? It went to USER000001 directory.
>Some of those .frm files were not readable and not deletable with
>Norton Commander.
>There is a known bug in saving the text files-- with File "Save
>message as text file" , and then copying it back into Juno.
>
>All files will be edited and then re-transmitted back to QRP-L.
>
>N4SO

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: cooper@gmpvt.com (Tom Cooper)
Subject: [3845] re:EDZ antenna
Message-ID: <199609091357.JAA27818@web.gmpvt.com>

The Extended Double Zepp has a much narrower beam width than a 1/2 wave dipole, so you better get it pointed right. If your trees are in the right place, it is a good antenna for that weekly sked, but it isn't so swell for every day hamming.

Tom WA1GUV

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Scott Cranston <cranston@zk3.dec.com>
Subject: [3842] re: EDZs
Message-ID: <9609091236.AA29184@falpa.zk3.dec.com>

Attached is some sample output and source code from a brute force C program for calculating EDZ deminsions.

Enjoy,
Scott cranston@zk3.dec.com
KB1NW

Enter Design Frequency in Mhz: 7.040

Design Frequency:	7.04 Mhz
Electrical Wavelength:	139ft, 9.3in
Length of Each Leg:	89ft, 5.5in
Total Element Length:	178ft, 10.9in
Single Element Matching Section:	19ft, 2.2in
Phased Array Matching Section:	4ft, 0.7in
Phased Array Matching Stub:	1ft, 5.7in
Phased Array Element Spacing:	17ft, 5.7in
Phasing Line Length:	8ft, 8.8in

```
/* *****  
 *   Program to calculate the dimensions for an Extended Double Zepp   *  
 *   Antenna. This is based on the formulas given in the August 1988   *  
 *   issue of QST, page 51.                                           *  
*****
```

```

*                               *
*      Created 12-AUG-88 kb1nw      *
*****/

#include <stdio.h>

ft_to_in(length) /* convert a floating point measurement in feet */
float    length; /* to feet and inches
    */
{
    int num;

    num = (int)length;
    length = (length - (float)num) * 12.0;
    printf("\t%dft, %2.1fin\n", num, length);
}

main() /* calculate EDZ deminsions */
{
    float wave_length; /* electrical length of the wire in feet */
    float leg_length; /* length of each leg of the antenna */
    float tot_length; /* total length of antenna */
    float match_single; /* matching section length for a single EDZ */
    float match_phased; /* matching section length for a phased EDZ */
    float stub; /* length of matching stub for phased EDZ */
    float freq; /* design frequency */
    float space; /* spacing between phased elements */
    float phase_line; /* phasing line length */

    printf("\nEnter Design Frequency in Mhz: "); /* get design frequency */
    scanf("%f",&freq); /* input from user */

    wave_length = 984/freq; /* electrical wavelength */

    leg_length = wave_length * 0.64; /* run through the EDZ formulas */

    tot_length = leg_length * 2.0;

    match_single = (52.0/360.0) * 0.95 * wave_length;

    match_phased = (11.0/360.0) * 0.95 * wave_length;

    stub = (4.0/360.0) * 0.95 * wave_length;

    space = wave_length/8.0;

```

```

phase_line = space/2.0;

/* print out the results in feet and inches */

printf("\n\nDesign Frequency:\t\t\t%.2f Mhz\n\n", freq);
printf("Electrical Wavelength:\t\t");
ft_to_in(wave_length);
printf("Length of Each Leg:\t\t");
ft_to_in(leg_length);
printf("Total Element Length:\t\t");
ft_to_in(tot_length);
printf("Single Element Matching Section:");
ft_to_in(match_single);
printf("Phased Array Matching Section:\t");
ft_to_in(match_phased);
printf("Phased Array Matching Stub:\t");
ft_to_in(stub);
printf("Phased Array Element Spacing:\t");
ft_to_in(space);
printf("Phasing Line Length:\t\t");
ft_to_in(phase_line);

}

```

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
 From: talljazz@teleport.com (Dan Presley)
 Subject: [3832] Re: First F Sighting
 Message-ID: <v01530500ae594caa33d5@[206.163.123.59]>

>Gang,
 >
 >1206UTC September 8, 1996. Sitting here early in the a.m. and had
 >SWL-40 on listening to some high speed stuff from the north of the
 >Red River.
 >
 >Tuned around 7.040MHz and didn't hear anything but left receiver
 >at the 7.040 area. De Javu. Yesterday at the NORTEX meeting we
 >talked about hearing a signal below the noise level and I detect
 >a faint regular pattern just below the noise level. Sharpen up
 >the senses and sure enough it is the regular beat of the letter
 >F in morse at about 10wpm.
 >
 >OK, I'm off to the bottom of the band to look for a KL7. I have
 >heard a KL7 on 30M three nights during the last week. Kinda of

>funny. I walk into living room and say "Phyllis, guess what?
>I heard another KL7!!" and she says "Oh, another Alaska huh?".
>I asked her if she knew what a KH6 was and she didn't so things
>are still OK. :-)
>
>So back to the beacon. 40M may be in great shape this winter,
>but one bird does not a summer make.
>
>:-)
>
>dit dit
>Chuck Adams (K5FO CP-60) adams@sgi.com
Chuck & friends-The "F" beacon was rolling in last night (Sat-11:30 PM
PDT) here in Oregon. I tried a CQ on 7040 & promptly landed WA6EIM in
Muskogee,OK. He was running a NC 40A someone gave him! He also has phased
verticals. It was nice to hear 40 open again, as it's been dead here-the
"F" is a good indicator.
Dan N7CQR

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [3841] RE: First F Siting
Message-ID: <19960909.082040.4719.0.wb2vuo@juno.com>

This must be something posted before I got my E-Mail. The reference is
lost to me. Is there some info on the "F" beacon out there?

72/73, Keith, WB2VUO, QRP-L #582
Trustee, KB2YTW/B 10 Mtr Beacon (28.2860 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

wb2vuo@juno.com

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [3880] Re: FS: OMNI VI
Message-ID: <Pine.GS0.3.93.960909161728.4085A-1000000@conciliator.acsu.buffalo.edu>

Is it OK to ask the price?

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [3839] RE: JUNO USERS
Message-ID: <01BB9E1C.A6924FA0@muenzlerk.uthscsa.edu>

On Saturday, September 07, 1996 1:40 PM, CHARLES K BROWN[SMTP:n4so@juno.com] wrote:

>Can someone explain a General Protection Fault?
>
>"Juno caused a General Protection Fault in module
>JAL1ow16.DLL at 0001:32CF"
>
>The above file is in th BIN subdirectory in Juno.
>
>
>Ken Brown
>QTH NR Mobile, AL
>QRP #622
>n4so@juno.com
>
>

A General Protection Fault is caused when a program tries to access memory outside of what Windows has allocated for it. This can cause the offending program to crash as well as any other program that is running including Windows itself. If you get a GPF the safest thing to do is exit Windows and restart it.

Kevin, WB5RUE

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Dean Marzocca <n2tnn@ifu.net>
Subject: [3891] Re: K5FO at Pacificon
Message-ID: <3234A188.2D02@ifu.net>

New TELIS User Name wrote:

>
> Chuck Adams, K5FO will be giving a talk on "QRP and the Internet" at the
> first annual West Coast QRP Symposium sponsored by NorCal QRP Club and
> held in conjunction with Pacificon 96, Oct. 18,19 and 20th in Concord, CA.
>
> Chuck is the one responsible for creating the QRP reflector on the
> internet, has written countless articles and postings on QRP, has built
> almost every QRP kit that has been produced the last 20 years, created
> the Foxhunt, serves as awards chairman for ARCI, is the judge for the
> Annual NorCal sponsored building contest at Dayton, has a Doctorate in
> Astrophysics, holds the highest speed code proficiency certificate that
> ARRL gives (60 WPM), QSL's 100 %, and has WAS on 3 bands with .95W as
> soon as he works KL7 on 30 and 40.
>
> He is a very entertaining speaker, as those of you who have had the
> pleasure of hearing him can attest. Chuck will concentrate on two areas,
> the Fox Hunt, and the 30 Meter propagation study. These are two very
> popular operating events that he created, and sponsors.
>
> Make sure that you attend Chuck's presentation at Pacificon, and be sure
> to say hello to Chuck at the conference. All of the speakers will be
> available for one-on-one question and answer sessions during the
> convention, and all will attend the QRP Hospitality Show and Tell
> Saturday night starting at 7:00. Hope to see you there.
>
> There is no registration fee for the West Coast QRP Symposium, other than
> the Pacificon Registration (\$3 in advance, \$4 at the door). The
> convention is being held at the Concord Hilton hotel, and the special
> convention room rate is \$74 per night. Contact the hotel for room
> reservations and mention that you would like the special Pacificon room rate.
>
> Other sessions Saturday include:
>
> Paul Harden, NA5N "QRP kit rigs and how they work"
> Derry Spittle, VE7QK and Ed Burke, KI7KW, "QRP SSB Operating"
> Bob Tellefson, N6WG, "How to operate FD QRP"
> Note: Bob's group made over 1200 Qsos QRP last June.
> "QRP Contesting and DX, A Panel Discussion"
> Eric Swartz, WA6HHQ, Stan Goldstein, N6ULU, Chuck Adams, K5FO
>
> Sunday session:
> Doug Hendricks, KI6DS "QRP Advice for the Beginner"
>
> If you are planning to attend, please let Preston Douglas know so that
> you can have your very own QRP-L namebadge. Details from Preston. 72,
> Doug, KI6DS

Why don't you do this stuff on the right coast??? near the other ocean???

Dean

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [3843] RE: Low Power SSB
Message-ID: <1996Sep09.090500.1483.15805@facilities.buffalo.edu>

Hi Bob and Gang,

Yes! SSB QRP is a blast, and then some. Using my Cubby (TT Argo 556) @ 4W on Saturday, I jumped into the Euro Field Day? Test. In about 20 minutes I logged 7 stations from the UK on 20M SSB. I could not get through to work the new British prefix though. Seems everyone wanted to work an "M" call.

The antenna here is a 142' delta loop and tuner, no beam yet. One chap with a GW call gave me a 57 report and commented that I was "an honest 5 by 7".

One hint that works for me is to send my call as "N2VPK / QRP" with NO phonetics. The other station then usually asks for the QRP station to go ahead.

72 de Mark, N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Vic Simpson <vsimpson@boco.demon.co.uk>
Subject: [3895] Re: Low Power SSB
Message-ID: <Z5R5wFA1VFNyEwoY@boco.demon.co.uk>

In message <1996Sep09.090500.1483.15805@facilities.buffalo.edu>, "Adams, Mark S." <facmsa@facilities.buffalo.edu> writes

>

>Hi Bob and Gang,

>

>Yes! SSB QRP is a blast, and then some. Using my Cubby (TT Argo 556) @ 4W
>on Saturday, I jumped into the Euro Field Day? Test. In about 20 minutes
>I logged 7 stations from the UK on 20M SSB. I could not get through to

>work the new British prefix though. Seems everyone wanted to work an "M"
>call.

>

Glad you had a good time Mark. Wish it were as exciting when there is
no contest in progress. Amazing how qrp'rs become inaudible once
contests end.

Rats. I think I've just become a grouch. Forget I spoke.

CU on 14.06 .

--

Vic Simpson

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Dale LeDoux <dledoux@laci.net>
Subject: [3904] Re: Low Power SSB
Message-ID: <1.5.4.16.19960909201114.1b27bea0@laci.net>

At 18:35 9/9/96 +0100, you wrote:

>In message <1996Sep09.090500.1483.15805@facilities.buffalo.edu>, "Adams,
>Mark S." <facmsa@facilities.buffalo.edu> writes

>>

>>Hi Bob and Gang,

>>

>>Yes! SSB QRP is a blast, and then some. Using my Cubby (TT Argo 556) @ 4W

>>on Saturday, I jumped into the Euro Field Day? Test. In about 20 minutes

>>I logged 7 stations from the UK on 20M SSB.

>

>Glad you had a good time Mark. Wish it were as exciting when there is

>no contest in progress. Amazing how qrp'rs become inaudible once

>contests end.

>

>Rats. I think I've just become a grouch. Forget I spoke.

>

>CU on 14.06 .

>--

>Vic Simpson

>

Gang--

I used to run qrp ssb almost exclusively and the best antenna I had was a
40M droopy dipole at thirty feet hung from a homebrew wooden tower, along
with a collection of random wires and homebrew verticals. Worked every
continent there was on non-contest time, also WAS (never DID get all those
QSL's) and had a blast doing it. SSB ragchews were also a specialty, even
with the occasional ZL or VK. You want a chat with a W, try the 40m
advanced band...

Soooo, it CAN be done, and there's a lot of fun to be had doing it. As long as a good chat with an interesting person on the other end is a goal, you'll never lack for joy, and to get in a pile-up and hear the quarry call "the qrp only, please..." is a rare dish to be tasted and savored.

Hey, it's a big hobby. We all can have fun...

72,

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: lve1@inel.gov (Larry V East)
Subject: [3850] RE: No 80M Output from QRP+
Message-ID: <2.2.16.19960909152913.1c6fdf0c@eloi>

I accidentally deleted the post from the fellow who is getting no output from his QRP+ on 80M, so please excuse the bandwidth. My "SWAG" of the situation is that one of the relays used to switch the output filters is not working -- there are two relays per filter on the xmitter board. Probably best to send it back to Index repairs if it is still under warranty.

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Alex Mendelsohn <alexmx@pennwell.com>
Subject: [3854] RE: QRP-L digest 477
Message-ID: <D981102E01E40200@smtp.pennwell.com>

9 September 1996

Hello from Kennebunk, Maine.

Because so many of you responded to my Heath SB-104 note about functional modifications, I decided to find the summary file describing them all and post it on the listing here rather than reply individually.

Unfortunately, I couldn't locate the original file, but here's a new update.

(1) To improve the regulation of the +11 V supply on the TX AUDIO/REGULATOR board, change C227 from 0.05 uF to a 47 uF electrolytic.

- (2) Also on TX AUDIO/REGULATOR board, change R207 from 4.7 Mohms to 1.5 Mohms at amplifier stage IC-201A.
- (3) On the TX IF/PREDRIVER board, increase C322 from 5 uF to 47 uFd.
- (4) Also on the TX IF/PREDRIVER board, in the 15 meter RF bandpass filter section, lower the value of C332 from 75 pF to 50 pF. This will raise the drive on 15 meters.
- (5) On the DRIVER circuit board bias network, change R903 from 100 ohms at 2 W to 220 ohms (also a 2 watter).
- (6) Also on the DRIVER circuit board, de-Q the choke RFC902 by swamping it with a 390 ohm film resistor.
- (7) On the POWER AMPLIFIER circuit board, coils L952 and L953 should have four turns each, not five. This is NOT an easy modification to make once the board is assembled. If your PA seems to work okay, don't fiddle with it (if it ain't broke...).
- (8) Also on the PA board, use ferrite beads and straight-through wires instead of the 0.51-ohm resistors at R954 and R956.
- (9) In terms of errors in the book and schematics, make note that Pin 3 of accessory plug goes to Pin F7.
- (10) In terms of errors in the book and schematics, make note that J8ALC jack goes to Pin C5, not C2.
- (11) In terms of errors in the book and schematics, make note that Wire Pin F2 to F13 instead of +11 V.
- (12) Again, in terms of errors in the book and schematics, make note that Lug 4 of the Antenna Switch should go to the receiver antenna shield instead of the center conductor.
- (13) In terms of errors in the book and schematics, make note that the arrow on the CW Level control points down to indicate clockwise rotation.
- (14) On the CARRIER GENERATOR circuit board, change bias resistor R625 from 27 Kohms to 22 Kohms. Increase the associated base capacitor from 10 uF to 15 uF (that's C622). This will help if you hear a beat note in CW and TUNE.
- (15) Also on the CARRIER GENERATOR circuit board, remove the 33 pF cap C645 from the balanced modulator; you'll now get the requisite two nulls as the manual describes.

(16) On some units, also on the CARRIER GENERATOR circuit board, carrier nulling and overall operation can be improved by reducing emitter bias resistor R621 from 100 ohms to 22 ohms.

(17) Try removing the 10 pF emitter bypass cap C414 on the HFO/PREMIUM circuit board to improve the oscillator's operation; this only works on some units!

(18) On the schematic, there's an error near the VFO/FILTER board. The VFO IN signal from J9 should go to point B on this board, not to Pin 9 on the TX AUDIO board!

(19) If you're using a remote VFO (this was an accessory that's probably quite rare), add a wire from accessory plug Pin 3 to Pin 7 (+TX) on the RECEIVER IF/AUDIO/AGC board.

That's about it for now. If I can come up with other notes, I'll post 'em as appropriate. I'm quite sure there are other nifty things folks have done with the SB-104; because it's so modular, it seems like it'd lend itself perfectly to a variety of modifications. BTW: I'm still looking for a used Omni-5 or Omni-6. Any leads?

Watsa? Vy 73, Alex, AI2Q, QRP-L #687 .-.-.

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [3890] Re: qrp-ne question
Message-ID: <199609092234.SAA106439@nss2.CC.Lehigh.EDU>

>
> Hi Ernie,
> I saw your sig in the QRP-L list and wondered if you could
> answer a question: will the NE-QRP group be doing anything
> at the Boxborough convention? Do you know what day and time?
>
> dave /nt1u
>

Hello Dave and Gang,

I haven't heard a thing. The N.E. QRP club is a loose outfit. It has no officers, just a bunch of folks that do qrp things. I believe that the only thing that keeps us going is the 72 news letter. So I am posting to the list in the hope that if someone is doing a booth, they will tell us about it.

I can't imagine that some one in the club is not doing something there.
I am bringing my solar controler project for display. If the N.E. qrp table
is not there I will be showing it at the Jade Products booth.

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [3837] Re: Receiver Comparisons
Message-ID: <3233BA68.59C2@amsat.org>

SNickrand@aol.com wrote:

> I was pleasantly surprised to see how well my NorCal 40A stacked up
> against the Yaesu FT901.

Better belive it! I have the Norcal 40a also and I can hear things on
it
that I cant find on the Kenwood TS-850sat. Very good job by Wayne.

thanks 73 de PHil

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Gary Surrency <gsurrenc@ix.netcom.com>
Subject: [3834] Re: RG 174U
Message-ID: <32339B47.3C29@ix.netcom.com>

Phil Wheeler wrote:

>

> The custom is to use BNCs. But I find that to be pretty masochistic!!

There ARE special versions of BNC connectors just for RG174/U. I personally LOVE BNCS, and only buy the kind you have to solder, with the threaded clamp on the end. It takes a little effort to comb out the braid and fit the bevel washer, but the result is a rugged, reusable and waterproof connector. It's still easier than assembling a PL259 if you could find an UG/1xx adapter to fit, and there isn't any. :-)

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [3896] Re: RG 174U
Message-ID: <960910003956_74740.3166_EHB174-2@CompuServe.COM>

Ron Giuntini <rong@slip.net> wrote:

> Best connectors for RG174U???

I have had real good luck using shielded RCA phono plugs. I use adapters for other connectors (e.g., PL-259), as required. Certainly not the best, but a very workable arrangement. Cheap and easy to install.

73, Craig WB3GCK

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [3898] RE: Senor Gomez's Posting
Message-ID: <19960909.200145.4319.3.wb2vuo@juno.com>

This calls for some remedial education, and having a few meg of .txt files that are Amateur Radio related, I forwarded a couple to Sr. Gomez, about 158K worth.

Who knows? It just might change his life!

72/73 Keith, WB2VUO, QRP-L # 582

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Gary Surrency <gsurrenc@ix.netcom.com> (by way of Jerry Parker
Subject: [3725] Re: site

Try <http://www.fix.net/norcal.html>

72, Jerry WA6OWR

Richard Wilkerson wrote:

>
> Could someone please help..I have lost a site address. It was for a few
> qrp clubs. It had "jparker" in it. could someone please send it my
> way. thanks rich

Was it: <http://www.fix.net/~jparker/norcal/htm> ?

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

ether and all seems to work fine.The
> question I have is with the meter reading. If I send a straight tone the
> meter will read an output power, say 2 watts. When I send code the meter
> only reads about 1 watt. Is this due to the slow needle movement? What then
> is the actual output power?
> I must add that it was a very nice kit project and will get many miles out
> of it.
>

I can't imagine I'll get any controversy when I say that power measurements should be PEP (peak envelope power). Yes, the mechanical meter movement will not show the instantaneous output, but it will tend to show some kind of average. Hopefully, your CW carrier always has the same PEP value, which is the same as the dead-keydown value.

Dana KK6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>

Subject: [3853] Re: Telegraphs and Old Timers (long)
Message-ID: <Pine.OSF.3.95.960909100113.24214A-100000@duke.usask.ca>

In Canada on CBC radio there is a program called MorningSide. One day they did a special segment on CW and they mentioned the tobacco lid connection. Its funny but I never put the two things together until now. The people who talked about using lids seemed to be real connaisseurs (sp?) of tobacco lids and I kind of thought it seemed to be a real badge to know which tobacco lids worked the best.

What has always mystified me is how to tell a dash from a dot at the end of a word by just the click.

Brian.

On Fri, 6 Sep 1996, Roger Hightower wrote:

> At 05:29 PM 9/6/96 -0500, j.w. thornton wrote:
> >
> >Steve WB6TNL wrote:
> >
> >>snip: Typically the attachment of
> >>choice was the tin cover from a tobacco can. This practice brought the
> >>disdain of the journeymen ops, and they came to call a new or flaky
> >>operator a "tobacco can lid", which after a while got shortened to (you
> >>guessed it) "Lid".
> >
> >
> I don't know about that....I learned CW (American Morse) using a railroad
> sounder, and didn't know anyone who used the tobacco can lid as a resonator.
> Who knows?
> >
> OTH, having seen a picture of the "rettysnitch", it looks like it was made
> from a device my Grandmother used to lift the lids off her wood-burning
> stove. A lid-lifter? The imagination runs wild here, :-).
> >
> 72/73, de Roger AA7QY
> >
> NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
> >
> >
> >

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |

```
| VE5RDV |
+-----+
| "If I had only known, I would have been a locksmith." |
| -- Albert Einstein |
+-----+
```

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [3862] Re: Telegraphs and Old Timers (long)
Message-ID: <199609091722.KAA11284@primenet.com>

At 10:04 AM 9/9/96 -0600, Brian.Buydens@usask.ca wrote:

```
>
>What has always mystified me is how to tell a dash from a dot at the end
>of a word by just the click.
>
```

When listening to a sounder, you really are listening to the spaces between clicks...a long space for dash, short for dot. Then you learn the click patterns of the letters, and that's the real key. Same as for regular CW, you stop worrying about dots and dashes, just listen to patterns.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [3883] RE: unsubscribing
Message-ID: <01BB9E66.5497ADE0@muenzlerk.uthscsa.edu>

On Monday, September 09, 1996 7:02 AM, Mark D Jarmuz[SMTP:jarmuz@acsu.buffalo.edu] wrote:

```
>hi,
>
> can someone please tell me how to unsubscribe to this group, am
>leaving town for a few weeks and will not have enough room in my mailbox.
>
> thanks
>
>
```

>
>

You don't need to unsubscribe. If you send a message to listserv@lehigh.edu and in the TEXT of the message have

set qrp-l mail postpone

This will cause the list server to stop sending mail to your address. When you get back send the message

set qrp-l mail

and you will get mail again. This way you won't lose any mail and you won't lose your QRP-L number (if you care)

Kevin

From owner-qrp-l@Lehigh.EDU Mon Sep 9 23:12:44 1996
From: Dale LeDoux <dledoux@laci.net>
Subject: [3905] Re: Vee & ATU (LONG!)
Message-ID: <1.5.4.16.19960909201925.09377c7a@laci.net>

>Comments Monday Night, 9 Sept. 1996 by G. Danny Gingell, K3TKS@abs.net

>

>Luke, (and fellow QRP-Lers)

>What type of wire was used? I believe you said multi-strand power wire,
>but
>you didn't mention what Wire Size/Guage and is it Insulated or Bare?
>The reason that I ask that question, is because that will affect the
>actual
>Velocity Factor and hence the "Actual Wire Length" for Resonance.
>I believe that the Insulation increases the effective length by about 5%
>in
>total.

>

>

>

Danny -

I think you hit the target with the question about the type of wire. I used to construct a lot of antennae out of surplus construction-type wire. It was cheap (read 'free') and didn't corrode. Typical designations were 12

and 14 AWG THHN or TW. In every case I found the textbook formulae to be quite a bit long. Without resorting to quantitative testing, I attributed it to a velocity factor drastically altered from that of bare copper, caused by the effects of the insulation. The solution was to employ empirical investigative techniques (cut, measure SWR, cut again) until a suitable match was obtained.

As for a source of the wire, consult your local electrical contractor...

72,